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COLLECTIONS SUMMARY FOR FORT IRWIN, CALIFORNIA

**U.S. Army NAGPRA Compliance Project,
Technical Report No. 1**



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**Prepared for the
U.S. Army Environmental Center,
Environmental Compliance Division**

**by the
U.S. Army Corps of Engineers,
St. Louis District,
*Mandatory Center of Expertise for the Curation and Management
of Archaeological Collections***

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**AN ARCHAEOLOGICAL COLLECTIONS SUMMARY
FOR
FORT IRWIN, CALIFORNIA**

**Information Provided for Compliance with the
Native American Graves Protection and Repatriation Act
Section 6 Summary**

**Prepared for the
U.S. Army Environmental Center,
Environmental Compliance Division
Aberdeen Proving Ground, Maryland**

**By
U.S. Army Corps of Engineers,
St. Louis District,
Mandatory Center of Expertise for the
Curation and Management of Archaeological Collections,
U.S. Army NAGPRA Compliance Project,
Technical Report No. 1**

June 1995

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OBJECTIVES AND METHODS

The U.S. Army Environmental Center (AEC) tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting Army installation personnel in complying with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601, NAGPRA). The MCX was asked to locate and assess archaeological collections derived from Army-owned lands, to identify the federally recognized Native American tribes most likely culturally affiliated with the collections, to draft Section 6 Summary Letters for each installation, and to conduct physical inventories of any collections that contain human skeletal remains. This report conveys the results of the collections research completed to assist Fort Irwin in complying with the Section 6 Summary requirements of NAGPRA.

The MCX used a two-stage process to identify, locate, and assess the contents of archaeological collections from the installation. First, archival research was performed to review all archaeological site records and reports for the installation. Second, telephone interviews were conducted with personnel at installations, universities, museums, and archaeological contractors that were identified during the archival research as possible repositories of Army collections.

Archival research for Fort Irwin began with a search of the National Archeological Data Base (NADB) for references pertaining to the installation. This was followed by a thorough examination of all archaeological site forms and a literature review of all pertinent archaeological reports and manuscripts on file at the San Bernardino Archaeological Information Center in San Bernardino, California. The records search was performed at the Information Center in February 1995 and sought to identify any work on the installation that may have produced archaeological collections.

Subsequent telephone interviews to potential collections repositories ascertained whether the materials were present and the range of objects in each collection. Once the collections were located and assessed, MCX personnel identified federally recognized Native American tribes that are likely to be culturally affiliated with the materials in the collections. Draft Section 6 Summary letters are enclosed for each of these tribes (Appendix I), as well as a listing of the current tribal chairperson (Appendix II).

RESEARCH RESULTS

ARCHAEOLOGICAL INVESTIGATIONS AT FORT IRWIN

Archaeological work on Fort Irwin began in 1963 by various individuals, however, it appears no artifacts were collected. Beginning in 1978, four major groups performed archaeological investigations, which included collecting artifacts. These groups are:

Cornerstone Research,
Regional Environmental Consultants (RECON),
Wirth and Associates, and
Far Western Anthropological Research Group (FWARG).

Investigations consisted of systematic surveys, test excavations, and excavations to mitigate adverse effects on sites where necessary for the installation's mission. Artifacts recovered include prehistoric lithics, ceramics, ornaments, animal bone, shell, floral remains, flotation and soil samples, as well as historic materials. No human remains were excavated.

SUMMARY OF ARCHAEOLOGICAL COLLECTIONS

A total of 682 cubic feet of boxed archaeological materials and associated documentation, plus 89 large groundstone artifacts, have been identified for Fort Irwin. As of the date of this report, they are located in the following two repositories:

FWARG, Davis, California:	682 cubic feet of boxed materials
Fort Irwin, Goldstone NASA Building:	89 pieces of groundstone

The attached *Summary of Current Locations of Archaeological Collections from Fort Irwin* (Appendix III) provides detailed information about each collection derived as a result of archaeological investigations at the installation. A collection consists of all of the materials, artifacts and associated documentation (e.g., field notes, maps, photos, data analyses, correspondence), produced as a result of an archaeological investigation or project at a single site or multiple sites. In some cases, the same archaeological site may have been investigated by various individuals or organizations. Depending on where the resulting collections are curated, they may be stored and identified as separate collections or separate components of a single

collection. In cases where the artifacts and records have become separated, we list the records collections repository as well.

Every attempt has been made to locate all collections cited on available archaeological site records or in published and unpublished references to archaeological investigations on the installation.

Fort Irwin recently completed a project in which FWARG recatalogued all of the Fort's collections. We have provided an excerpt from their 1994 catalogue, which provides collection information by archaeological site number (Appendix IV).

MCX research noted that a possible cremation was recorded by Cornerstone Research for site CA-SBr-4170. FWARG's reexamination of Fort Irwin collections found no bone among Cornerstone's collections, nor did they find any evidence of a human cremation at the site. Therefore, there are no human skeletal remains housed at FWARG or Fort Irwin. No funerary objects were identified in a thorough review of the archaeological records, associated literature, and telephone interviews. The final examination of sacred objects or objects of cultural patrimony may be established by the associated Native American tribes (if determined to be culturally affiliated and the objects meet the definitions and restrictions specified in NAGPRA) upon further deliberation.

REFERENCES TO ARCHAEOLOGICAL INVESTIGATIONS

Three sets of references regarding archaeological work conducted on Fort Irwin are attached: Appendix V contains the list of references reviewed by the MCX during its archival research; Appendix VI is the list of references contained in the National Archeological Data Base (NADB); and Appendix VII provides the references cited in the literature but not available for review by the MCX.

NATIVE AMERICAN TRIBES ASSOCIATED WITH FORT IRWIN

According to the maps provided by Zigmond (1986:Fig. 1) and D'Azevedo (1986:ix), at the time of EuroAmerican contact the Kawaiisu inhabited the area now occupied by Fort Irwin. Other groups such as the Mohave and Chemehuevi passed through the territory on trading or hunting expeditions (Kroeber 1925). Heizer's map of tribal territories of California (1978:ix) shows the Serrano as the tribe located directly south of the fort's lands. Bean and Smith (1978:570) depict the Vanyume and Serrano as west and south of this area, respectively. However, little is known about the Vanyume and according to Bean and Smith (1978:570), they were extinct well before 1900. The 1978 Indian Land Claims map (U.S.G.S. n.d.) shows the Chemehuevi (a Southern Paiute band) and the Mojave as aboriginally residing to the east of the fort. No adjudications are shown for the remainder of the state of California.

SECTION 6 COMPLIANCE

P.L. 101-601 (NAGPRA) requires that federal agencies engage in active consultation with Native Americans with federally recognized tribes and/or lineal descendants who may be culturally affiliated with the archaeological collections from the installation. Enclosed are a draft NAGPRA Section 6 Summary letter (Appendix I) and a list of the tribal chairpersons from the federally recognized tribes (Appendix II) which may be culturally affiliated with the collections. Of the tribes referenced above, only the Chemehuevi and Mohave are federally recognized.

Initial consultation should be conducted on a government-to-government basis. Refer to P.L. 101-601 (NAGPRA) for specifics on required Native American consultation and the legal definitions of items subject to NAGPRA.

REFERENCES CITED

Bean, Lowell John, and Charles R. Smith

- 1978 Serrano. In *Handbook of North American Indians, Volume 8: California*, edited by Robert F. Heizer, pp. 570-574. Smithsonian Institution, Washington, D.C.

Davis, James T.

- 1961 Trade Routes and Economic Exchange among the Indians of California. *University of California Archaeological Survey Reports* 54. Berkeley.

D'Azevedo, Warren L. (editor)

- 1986 *Handbook of North American Indians, Volume 11: Great Basin*. Smithsonian Institution, Washington, D.C.

Far Western Anthropological Research Group

- 1994 *Catalogue Manual, Fort Irwin Archaeological Collections, San Bernardino County, California*. Submitted to the U.S. Army Corps of Engineers, Los Angeles District.

Heizer, Robert F. (editor)

- 1978 *Handbook of North American Indians, Volume 8: California*. Smithsonian Institution, Washington, D.C.

U.S.G.S.

- n.d. *Indian Lands Judicially Established 1978*. Map prepared by the U.S. Geological Survey for the Indian Claims Commission.

Zigmond, Maurice L.

- 1986 Kawaiisu. In *Handbook of North American Indians, Volume 11: Great Basin*, edited by Warren L. D'Azevedo, pp. 398-411. Smithsonian Institution, Washington, D.C.

APPENDIX I

DRAFT SECTION 6 SUMMARY LETTER FOR FORT IRWIN, CALIFORNIA

[Installation Header]

[Tribal POC Name]

[Title]

[Address]

[City, State, Zip]

Dear [Name of POC]:

I am writing to inform you of collections held by Fort Irwin that may contain Native American cultural items, as defined by the Native American Graves Protection and Repatriation Act (NAGPRA), that are, or are likely to be, culturally affiliated with the [Tribe]. Fort Irwin has documented these archaeological collections in a Summary in accordance with the requirements of Section 6 of NAGPRA.

Fort Irwin is responsible for collections that include approximately 682 cubic feet housed at Far Western Anthropological Research Group in Davis, California, and 89 large ground stone artifacts housed on the Fort. These archaeological collections were generated from surveys and/or excavations conducted from 1963 to the present. The collections consist of prehistoric stone tools, ceramics, beads, animal bone tools, as well as charred plant remains, animal bone fragments, shell, radiocarbon samples and soil samples, and historic materials such as building materials, ceramics, and metal fragments, as well as associated documentation such as field notes, photographs, and correspondence. No human skeletal remains or associated funerary objects were identified in our review of the collections and collection documentation.

We are notifying [Tribe] because some of these materials were found in, or around, the area thought to be part of the territory occupied or used aboriginally by the [Tribe]. In accordance with Section 6 of NAGPRA, we are inviting you to consult with us regarding these archaeological collections. Upon your written request, we will provide you access to review our records, catalogues, relevant studies, or other pertinent data for the purpose of determining the geographic origin, cultural affiliation, and basic facts surrounding acquisition and accession of these collections.

Please feel free to contact [Installation POC name] regarding any of these issues, at [telephone, address].

To facilitate discussions between Fort Irwin and the [Tribe] on these matters, please forward the name and method of contacting your tribal representative, traditional religious leader, or preferred NAGPRA point of contact. We look forward to working with you.

Sincerely,

[Commander's signature]

CF: MACOM

USAEC Commander, US Army Environmental Center
 ATTN: SFIM-AEC-EC (Guldenzopf)
 Aberdeen Proving Ground, MD 21010-5401

MCX Commander, US Army Corps of Engineers
 ATTN: CELMS-PD-C (Trimble)
 1222 Spruce Street
 St. Louis, MO 63103-2833

APPENDIX II

NATIVE AMERICAN POINTS OF CONTACT FOR FORT IRWIN, CALIFORNIA

FEDERALLY RECOGNIZED TRIBES

Chemehuevi:

Mr. Matthew Leivas, Sr., Chairperson
Chemehuevi Tribal Council
P.O. Box 1976
Havasu Lake, CA 92363

Mohave:

Ms. Patricia Madueno, Chairperson
Fort Mojave Tribal Council
500 Merriman Ave.
Needles, CA 92363

Mr. Clinton Pattea, President
Mohave-Apache Community Council (Fort McDowell)
P.O. Box 17779
Fountain Hills, AZ 85268

APPENDIX III

SUMMARY OF CURRENT LOCATIONS OF ARCHAEOLOGICAL COLLECTIONS FROM FORT IRWIN, CALIFORNIA

All collections information has been entered into a Paradox data base file and can be queried by any of the fields listed below, as well as by the name of the installation and by MACOM. The data base will be delivered by the MCX to the U.S. Army Environmental Center upon completion of the U.S. Army NAGPRA Compliance Project. Inquiries for additional information are welcome (MCX: 314-331-8865; U.S. Army Environmental Center NAGPRA Compliance Project: 410-671-1573). The data fields listed in the summary of collections contain the following information:

REPOSITORY:	The current location in which the collection is stored, as of the date of this report.
REPOSITORY POC:	The person contacted by the MCX, or the person to whom inquiries regarding the collection should be addressed.
TELEPHONE:	The telephone number for the repository POC.
COLLECTION ID:	The identifying unit used by the repository to store and/or locate the collection. This can be a unique accession number assigned by the repository, the archaeological site number or project name, the name of the collector of the collection, or another number or name assigned by the repository.
SITE NUMBERS:	The official site number or name only for those sites from which materials were collected. An investigator may have performed work at additional sites but did not collect any materials. Those site numbers are not included in this field.
FIELDWORK DATES:	The date(s) during which the investigation(s) occurred. This information is provided to differentiate between projects that may have investigated the same site repeatedly.
EXCAVATOR/COLLECTOR:	The individual and/or organization that conducted the investigation.

COLLECTION SIZE: The volume or number of objects in a collection, estimated by the repository POC or from project reports.

DESCRIPTION OF MATERIALS: General material classes of the objects in the collection derived from data provided on site records, in references, and/or by the Repository POC.

ANTIQUITY/ARCH. PERIOD: Chronological or cultural-historical designations recorded on site records or in references specific to the collection.

CULTURAL AFFILIATION: This column contains only those ethnic identifications found in the site records or references specific to the collection. This field is left blank if no such information was recorded.

BASIS OF DETERMINATION: Documents the source of the cultural affiliation information (e.g., site record, oral testimony, reference).

SECTION 5 MATERIALS: Describes the number and kind of human skeletal remains and associated funerary objects in the collection, as indicated by the site records, references, repository management documents, or information from repository POC. If these materials are present or are suspected to be present, NAGPRA Section 5 requires a physical inventory of the materials.

Summary of Current Location of Archaeological Collections From: Fort

As of June 1995

Repository	Repository POC	Telephone	Collection ID	Site Numbers	Fieldwork Dates	Excavator/Collector
Far Western Anthropological Research Group, Inc.	Debbie Jones	(916) 756-3941	Fort Irwin Collection, Box #547-601, Tiefert II Collection		1982 - 1989	Wirth Environmental Far Western Anthropological Research Group, Inc
Fort Irwin (Goldstone NASA Building)	Position Vacant	(619) 386-3737	Fort Irwin Large Groundstone Artifacts	Various, See Far Western Anthropological Research Group, Inc., 1994	1978 - 1994	Various-Mainly Far Western Anthropological Research Group, Inc Regional Environmental Consultants, Cornerstone Research, Wirth Environmental

Summary of Current Location of Archaeological Collections From: Fort Irwin, California [FORSCOM]

As of June 1995

Site Numbers	Fieldwork Dates	Excavator/Collector	Collection Size	Description of Materials	Antiquity/Archaeological Period
	1982 - 1989	Wirth Environmental, Far Western Anthropological Research Group, Inc.	55 cu. ft.	Projectile Points, Bifaces, Drills, Cores, Core Tools, Cobblestones, Flake Tools, Beads, Historic Materials, Ochre, Charcoal, C14/Soil Samples, Plant Material, Ceramics, Shell, Pendant, Worked Bone, Bone, Handstones, Cobble Tools, Millingslabs	
See Far Western Anthropological Research Group, Inc.,	1978 - 1994	Various-Mainly Far Western Anthropological Research Group, Inc., Regional Environmental Consultants, Cornerstone Research, Wirth Environmental	89 Items	Groundstone	

on Size	Description of Materials	Antiquity/Archaeological Period	Cultural Affiliation	Basis of Determination	Section 5 Materials
	Projectile Points, Bifaces, Drills, Cores, Core Tools, Cobblestones, Flake Tools, Beads, Historic Materials, Ochre, Charcoal, C14/Soil Samples, Plant Material, Ceramics, Shell, Pendant, Worked Bone, Bone, Handstones, Cobble Tools, Millingslabs				
	Groundstone				

APPENDIX IV

EXCERPT FROM FWARG LIST OF COLLECTIONS BY SITE NUMBER

The following pages, excerpted from FWARG's 1994 catalogue of all collections derived from Fort Irwin (*Catalogue Manual, Fort Irwin Archaeological Collections, San Bernardino County, California*, pp. 19-28), present the artifact information organized by site trinomial, CA-SBr-xxxx

FORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4446	0	12	543575	3927985	F,W,R	RECN4446	511,519	55	Drinkwater
4449	0	12	541630	3926490	F,W,R	RECN4449	510,519	443	Drinkwater
4742	0	10	556530	3923755	C	CRNSBR	76	10	Cornerstone Isolates
4743	0	10	558825	3917425	C	CRNSBR	76	27	Cornerstone Isolates
4750	0	12	545750	3926950	C	CRNSBR	76	6	Cornerstone Isolates
4745	0	10	558550	3917980	C	CRNSBR	76	1	Cornerstone Isolates
4750	0	10	555150	3918695	C	CRNSBR	76	1	Cornerstone Isolates
4864	0	5	520300	3893350	C	CRNSBR	76	1	Cornerstone Isolates
5249	0	6	551440	3897125	W	-	-	-	-
5256	0	2	523705	3921030	W	-	-	-	-
5260	0	2	522020	3922670	W	-	-	-	-
5383	0	6	549650	3897662	W	-	-	-	-
4444	0	12	543610	3928140	W,R	-	-	-	-
4445	0	12	539585	3928145	W	-	-	-	-
4447	0	12	542300	3928575	W	-	-	-	-
4513	0	10	551775	3924425	W,R	RECON	74	2	RECON Isolates
4514	0	10	554250	3922650	W,R	RECON	74	3	RECON Isolates
4515	0	10	553125	3927475	W,R	RECON	73	34	RECON Isolates
4516	0	10	556575	3924050	W,R	-	-	-	-
4517	0	10	552725	3921700	W,R	RECON	74	9	RECON Isolates
4518	0	10	552600	3921725	W,R	RECON	74	2	RECON Isolates
4519	0	10	554400	3923450	W,R	RECON	74	1	RECON Isolates
4521	0	10	554125	3919150	W,R	-	-	-	-
4522	0	8	554125	3917050	W,R	-	-	-	-
4555	0	12	542085	3927270	W,R	-	-	-	-
4638	0	11	557370	3928820	W	-	-	-	-
4639-H	0	11	548225	3928290	W	-	-	-	-
4640	0	13	543830	3920010	W	-	-	-	-
4648	0	11	547930	3927870	W	-	-	-	-
4649	0	10	549690	3921430	W	-	-	-	-
4650-H	0	10	550225	3925075	W	-	-	-	-
4651	0	10	549125	3920950	W	-	-	-	-
4652	0	10	549930	3921000	W	-	-	-	-
4653	0	13	545870	3921705	W	-	-	-	-
4654	0	13	545865	3921900	W	-	-	-	-
4655-H	0	10	550770	3923750	W	-	-	-	-
4657-H	0	10	550220	3924875	W	-	-	-	-
4658-H	0	11	546415	3929950	W	-	-	-	-
4727	0	10	557950	3920950	C	-	-	-	-
4728	0	10	558050	3920925	C	-	-	-	-
4729	0	10	558375	3917700	C	-	-	-	-
4730	0	10	558350	3917750	C	-	-	-	-
4732	0	11	854972	3927050	C	-	-	-	-
4733	0	10	558550	3917200	C	-	-	-	-
4734	0	10	558575	3917050	C	-	-	-	-
4735	0	10	554400	3923900	C	-	-	-	-

FORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4736	0	10	556630	3924275	C	-	-	-	-
4741	0	11	551150	3926300	C	-	-	-	-
4744	0	11	550490	3926700	C	-	-	-	-
4746	0	10	558450	3917550	C	-	-	-	-
4747	0	10	554300	3923900	C	-	-	-	-
4748	0	11	550550	3927525	C	-	-	-	-
4749	0	10	556550	3923700	C	-	-	-	-
4751	0	10	555820	3918620	C	-	-	-	-
4752	0	10	558150	3918300	C	-	-	-	-
4865	0	5	521620	3892890	C	-	-	-	-
4866	0	5	520580	3894100	C	-	-	-	-
4867	0	5	520140	3897650	C	-	-	-	-
4868	0	5	519930	3897660	C	-	-	-	-
4869	0	5	520150	3897180	C	-	-	-	-
4870	0	5	520345	3896500	C	-	-	-	-
4872	0	5	519699	3896925	C	-	-	-	-
4873	0	5	519380	3895910	C	-	-	-	-
4874	0	5	519775	3895980	C	-	-	-	-
4875	0	5	519415	3894520	C	-	-	-	-
5253	0	2	518550	3918455	W	-	-	-	Nelson
4641	0	13	542460	3920120	R	-	-	-	-
4503	1	13	541150	3922000	W,R	SBR4503	77	15	-
4505	2	13	541750	3921800	W	SBR4505	77	1	-
4506	3	13	542100	3921750	W,R	SBR4506	77	8	-
4453	4	13	539650	3924350	W,R	SBR4453	78-81	331	-
4454	5	13	539910	3923925	W,R	SBR4454	82-85	797	-
4483	6	13	540160	3921760	W,R	SBR4483	86-98	2718	-
4496	7	13	540525	3922900	W,R	SBR4496	99-100	266	-
4499	8	13	540950	3922350	W	SBR4499	101-102	399	-
4462	9	13	538100	3922750	W,R	SBR4462	103	22	-
4488	10	13	538825	3921925	W,R	SBR4488	104-106	398	-
4490	11	13	538750	3922000	W,R	SBR4490	103	11	-
4491	12	13	538550	3922260	W,R	SBR4491	103	17	-
4492	13	13	538700	3922275	W,R	SBR4492	107	176	-
4458	14	13	539275	3923925	W,R	SBR4458	108-114	1506	-
4561	15	12	538700	3925500	W,R	SBR4561	103,115	203	-
4451	16	12	538960	3925575	W,R	SBR4451	116	407	-
4476	17	13	540250	3923525	W	SBR4476	117	41	-
4477	18	13	540400	3923350	W,R	SBR4477	103	7	-
4448	19	12	541880	3926290	F,W	SBR4448	511,517,519	128	Drinkwater
4825	20	11	553750	3926850	W	SBR4825	118	8	-
4832	21	13	549180	3925175	W	SBR4832	119	17	-
111-H	22	11	549180	3927375	W,F	SBR111H	469-473	655	Rockshelter
4562	24	12	533040	3928290	W,F	SBR4562/TIECAT	474-488	4604	Avl Site
4440	26	12	541020	3928010	F,W	SBR4440	511,519	141	Drinkwater
4443	27	12	540050	3928010	F,W	FW4443	507,519	74	Drinkwater

PORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_X	UTM_Y	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4563	28	12	540401	3928050	F,W	FW4563	507,519	276	Drinkwater
4441	29	12	540850	3928070	F,W	FW4441	509,517,519	313	Drinkwater
4442	30	12	540730	3928130	F,W	FW4442	508,519	697	Drinkwater
4170	31	12	542550	3927950	F,W	WR4170,FW4170,REC4170	512-17, 519	1756,1471,645	Drinkwater
4241	32	10	556385	3919940	W	SBR4241	121-122	454	-
4240	33	10	556310	3919510	W	SBR4240	123	201	-
4520	34	10	555040	3920160	W,R	SBR4520	124-136	1290	-
4811	35	10	560785	3918600	W	-	-	-	-
4812	36	10	561525	3918610	W	-	-	-	-
4813	37	10	561000	3917700	W	-	-	-	-
4814	38	10	561600	3917250	W	-	-	-	-
4815	39	10	559385	3915400	W	-	-	-	-
4816	40	10	559650	3915200	W	-	-	-	-
4817	41	10	560750	3914350	W	SBR4817	137	6	-
4818	42	10	561050	3915125	W	-	-	-	-
4819	43	10	549425	3925850	W	-	-	-	-
4820	44	13	547800	3925250	W	-	-	-	-
4821-H	45	11	552450	3925885	W	-	-	-	-
4822-H	46	11	552435	3928340	W	-	-	-	-
4823-H	47	11	552950	3927575	W	-	-	-	-
4824-H	48	10	554150	3926150	W	-	-	-	-
4826-H	50	11	553150	3927175	W	-	-	-	-
4827-H	51	11	549750	3927875	W	-	-	-	-
4828-H	52	11	549575	3928375	W	-	-	-	-
4829	53	11	546550	3931900	W	-	-	-	-
4830-H	54	11	545750	3930900	W	-	-	-	-
4831-H	55	11	546125	3931125	W	-	-	-	-
4834-H	58	11	549260	3929425	W	-	-	-	-
4835-H	59	11	549375	3930125	W	-	-	-	-
4836-H	60	11	549125	3930200	W	-	-	-	-
4837-H	61	11	549050	3929850	W	-	-	-	-
4838-H	62	11	548550	3929700	W	-	-	-	-
4839-H	63	11	548600	3929425	W	-	-	-	-
4840-H	64	11	552710	3927990	W	-	-	-	-
4841-H	65	11	552500	3927850	W	-	-	-	-
4673-H	66	11	548725	3927325	W	-	-	-	-
4778	66	10	559950	3915925	W	-	-	-	-
4779	67	10	561750	3916000	W	-	-	-	-
4780	68	10	549800	3924700	W	-	-	-	-
4781	69	11	550750	3928200	W	-	-	-	-
4782-H	70	11	550125	3928875	W	-	-	-	-
4783-H	71	11	547800	3931125	W	-	-	-	-
4784-H	72	11	547575	3930600	W	-	-	-	-
4785-H	73	11	550550	3928625	W	-	-	-	-
4786	74	10	553750	3920125	W	SBR4786	138-163	1	-
4787	75	10	552750	3921160	W	-	-	-	-

FORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4788	76	10	553475	3920500	W	-	-	-	-
4450	77	12	542465	3927320	F,W	REC4450	511,519	77	Drinkwater
4789	77	10	558850	3916610	W	-	-	-	-
4790-H	78	11	547850	3929960	W	-	-	-	-
4793	79	10	561675	3917600	W	-	-	-	-
4794	80	10	559225	3917040	W	-	-	-	-
4795-H	81	11	552900	3928275	W	-	-	-	-
4796	82	11	551425	3928100	W	-	-	-	-
4797-H	83	11	551400	3927825	W	-	-	-	-
4798	84	11	550800	3927800	W	-	-	-	-
4799-H	85	10	554400	3926525	W	-	-	-	-
4800	86	11	553025	3927025	W	-	-	-	-
4801-H	87	11	552525	3927200	W	-	-	-	-
4802-H	88	11	549600	3927825	W	-	-	-	-
4803-H	89	11	549775	3928550	W	-	-	-	-
4804-H	90	11	549475	3928650	W	-	-	-	-
4805-H	91	10	552250	3920950	W	-	-	-	-
4806-H	92	10	552450	3920900	W	-	-	-	-
4791	94	13	537995	3921860	W	-	-	-	-
4792	95	13	541555	3921820	W	-	-	-	-
4242	97	10	557510	3919060	W	SBR4242	164-172	816	-
4808	98	10	560250	3919925	W	-	-	-	-
4809	99	10	560450	3919350	W	-	-	-	-
4810	100	10	561015	3919210	W	-	-	-	-
4455	101	13	540025	3924025	W,R	SBR4455	118	1	-
4457	102	13	540130	3923700	W,R	SBR4457	173-178	864	-
4467	103	13	539200	3922760	W,R	SBR4467	118	12	-
4470	104	13	539720	3922940	W,R	SBR4470	118	19	-
4474	105	13	539800	3923545	W,R	SBR4474	179	160	-
4475	106	13	540275	3923750	W,R	SBR4475	117	198	-
4478	107	13	540055	3922980	W,R	SBR4478	118	7	-
4494	108	13	538700	3922025	W	SBR4494	180	73	-
4504	109	13	541300	3921700	W	SBR4504	181-188	1212	-
4956	111	1	510470	2924440	W	-	-	-	-
4955	112	1	508900	3925050	W	SBR4955	NA	1	Mgs not available
4954	113	1	509200	3924700	W	-	-	-	-
4957	114	2	527400	3908300	W	SBR4957	118	5	-
2355	116	2	520360	3921300	F,W	SB2355CT, NELSCAT	See Boxlist 602-679	1713	Nelson
2356	117	2	520700	3920250	F,W	SB2356CT, NELSCAT	See Boxlist 602-679	1	Nelson
2357	118	2	519950	3919950	W	-	-	-	-
2360	119	2	520850	3926700	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
2352	120	2	516700	3924850	W	-	-	-	-
5008	121	2	516900	3924400	W	-	-	-	-
5009	122	2	516650	3924150	W	-	-	-	-
5010	123	2	517300	3924250	W	-	-	-	-
5011	124	2	517450	3924500	F,W	SB5011CT	See Boxlist 602-679	42	Nelson

FORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
5012	125	2	517600	3924850	W,F	-	-	-	Nelson
5013	126	2	517300	3924100	W	-	-	-	-
5044	127	2	519900	3921300	F,W	SB5044CT, NELSCAT	See Boxlist 602-679	260	Nelson
4984	128	2	523200	3919550	W	-	-	-	-
5252	129	2	520850	3918900	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
5033	129	2	520550	3919600	W	-	-	-	-
5252	130	2	520850	3918900	F,W	NELSCAT	See Boxlist 602-679	2	Nelson
5034	130	2	519600	3921800	W	-	-	-	-
5252	131	2	520850	3918900	F,W	NELSCAT	See Boxlist 602-679	2	Nelson
5035	131	2	520000	3919400	W	-	-	-	-
5036	132	2	520750	3918850	W	-	-	-	-
5037	133	2	519650	3919250	W	-	-	-	-
5038	134	2	519450	3919400	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
5039	135	2	520100	3919100	W	-	-	-	-
4979	136	2	518005	3919900	W	-	-	-	-
4980	137	2	518240	3919460	F,W	SB4980CT	See Boxlist 602-679	81	Nelson
4981	138	2	518850	3919625	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
5040	139	2	519500	3919500	W	-	-	-	-
5041	140	2	519650	3919350	W	-	-	-	-
5042	141	2	519300	3921000	F,W	SB5042CT, NELSCAT	See Boxlist 602-679	326	Nelson
5043	142	2	519600	3921700	W	SB5043	NA	1	Biface not available
4982	143	2	520250	3917375	F,W	NELSCAT	See Boxlist 602-679	5	Nelson
4985	144	2	520600	3917500	W	-	-	-	-
4978	145	2	522375	3916400	W	-	-	-	-
4976	146	3	529600	3907325	W	-	-	-	-
5025	147	2	514750	3919250	W	-	-	-	-
5026	148	2	514375	3919950	F,W	SB5026CT	See Boxlist 602-679	25	Nelson
5027	149	2	514150	3919900	W	-	-	-	-
5028	150	2	513850	3919900	F,W	SB5028CT, NELSCAT	See Boxlist 602-679	71	Nelson
5029	151	2	512450	3919950	F,W	SB5029CT	See Boxlist 602-679	490	Nelson
5014	152	2	521750	3925700	W	-	-	-	-
5015	153	2	522800	3927550	F,W	SB5015CT	See Boxlist 602-679	57	Nelson
5016	154	2	522750	3926550	F,W	SB5016CT	See Boxlist 602-679	36	Nelson
5017	155	2	522275	3926900	F,W	SB5017CT	See Boxlist 602-679	77	Nelson
4983	156	3	521125	3914240	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
4974	157	3	520925	3912950	W	-	-	-	-
4986	158	7	555450	3904600	W	-	-	-	-
4988	159	3	530900	3905800	W	-	-	-	-
4989	160	3	530050	3907400	W	SB4989	191	12	-
4977	161	3	526450	3910650	W	SB4977	192	18	-
4975	162	3	527400	3908300	W	-	-	-	-
4970	163	4	529250	3912300	W	SB4970	193	10	-
4971	164	4	529800	3912200	W	-	-	-	-
4972	165	4	532500	3911800	W	-	-	-	-
4973	166	4	532350	3911000	W	-	-	-	-
4987	167	7	555650	3906950	W	SB4987	193	11	-

PORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4990	168	8	55250	3912250	W	SBRA4990	193	3	-
4991	169	8	55900	3912700	W	SBRA4991	193	2	-
5018	170	2	522900	3927650	F,W	SB5018CT	See Boxlist 602-679	52	Nelson
5045	171	2	519750	3921200	W	-	-	-	-
2356	172	2	520700	3920250	F,W	SB2356CT, NELSCAT	See Boxlist 602-679	2506	Nelson
5047	173	2	520450	3927325	F,W	SB5047CT, NELSCAT	See Boxlist 602-679	1808	Nelson
4963	174	4	530250	3915100	W	SBRA4963	194-195	467	-
4964	175	4	530000	3916200	W	SBRA4964	193	1	-
4965	176	4	529550	3915700	W	SBRA4965	196	169	-
4966	178	4	531700	3913600	W	SBRA4966	197-237	9262	-
4967	179	4	530800	3914300	W	SBRA4967	238	109	-
4968	180	4	531100	3913300	W	SBRA4968	239-240	633	-
4969	181	4	529800	3912200	W	SBRA4969	241-246	588	-
4992	182	9	543450	3909750	W	SBRA4992	77	13	-
4993	183	3	531150	3909850	W	-	247	150	-
4994	184	8	545800	3911450	W	SBRA4994	-	-	-
4995	185	8	550275	3912900	W	-	-	-	-
4996	186	8	554175	3913175	W	SBRA4996	193	2	-
5030	187	2	514600	3919200	F,W	NELSCAT	See Boxlist 602-679	1	Nelson
5031	188	2	514550	3919150	W	-	-	-	-
5032	189	2	514350	3919200	W	-	-	-	-
3831	190	12	536690	3925160	W	SBRA3831	248	58	-
5080	191	7	557750	3910350	W	SBRA5080	249	22	-
5075	194	12	536350	3925275	W	SBRA5075	137	4	-
4997	195	5	537200	3894350	W	-	-	-	-
4998	196	5	537150	3895125	W	-	-	-	-
4999	197	5	537880	3894200	W	-	-	-	-
5000	198	5	537825	3894300	W	-	-	-	-
5001	199	5	535150	3893600	W	-	-	-	-
5002	200	5	535000	3893500	W	-	-	-	-
5003	201	5	534700	3893100	W	SBRA5003	NA	1	Biface not available
5004	202	5	533700	3893100	W	-	-	-	-
5005	203	5	533600	3894550	W	-	-	-	-
5006	204	5	536175	3895350	W	-	-	-	-
4894	205	5	520740	3892850	W	-	-	-	-
4895	206	5	519300	3896850	W	-	-	-	-
4896	207	5	519825	3895750	W	-	-	-	-
5079	208	7	559900	3911000	W	-	-	-	-
4897	209	5	533275	3899110	W	-	-	-	-
5081	210	8	557075	3912725	W	-	-	-	-
4898	211	5	533475	3896860	W	-	-	-	-
4452	217	13	539450	3924125	W,R	SBRA4452	248	4	-
4456	218	13	539700	3924125	W,R	SBRA4456	248	12	-
4459	219	13	538800	3923600	W,R	SBRA4459	248	2	-
4460	220	13	538770	3923440	W,R	SBRA4460	248	7	-
4461	221	13	538475	3922825	W,R	SBRA4461	250	25	-

FORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_X	UTM_Y	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4463	222	13	538500	3922675	W,R	SBR4463	250	18	-
4464	223	13	538570	3922340	W,R	SBR4464	250	5	-
4465	224	13	539025	3922275	W,R	SBR4465	250	1	-
4466	225	13	539250	3923250	W,R	SBR4466	119	147	-
4468	226	13	539270	3923125	W,R	SBR4468	-	1	-
4469	227	13	539300	3922800	W,R	SBR4469	77	1	-
4471-H	228	13	539785	3922385	W,R	-	-	-	-
4472	229	13	539360	3923085	W,R	SBR4472	77	1	-
4473	230	13	539600	3923165	W,R	SBR4473	250	2	-
4479	231	13	540245	3922890	W,R	SBR4479	251	16	-
4480	232	13	540250	3922445	W,R	SBR4480	250	7	-
4481	233	13	540780	3922260	W,R	-	-	-	-
4482	234	13	540380	3921830	W,R	SBR4482	252	222	-
4484	235	13	539965	3922065	W,R	-	-	-	-
4485	236	13	539600	3922450	W,R	-	-	-	-
4486	237	13	539630	3922275	W,R	SBR4486	253	1	-
4487	238	13	539200	3922100	W,R	-	-	-	-
4489	239	13	538750	3921850	W,R	SBR4489	77	1	-
4493	240	0	538120	3922550	W,R	-	-	-	-
4495	241	13	541290	3921050	W,R	-	-	-	-
4497	242	13	540610	3922730	W,R	SBR4497	253	2	-
4498	243	13	540560	3922770	W,R	SBR4498	253	2	-
4500	244	13	540720	3922340	W,R	-	-	-	-
4501	245	13	540880	3922100	W,R	SBR4501	254	273	-
4502	246	13	540940	3922025	W,R	SBR4502	191	31	-
4507	247	13	542950	3921800	W,R	SBR4507	119	116	-
4508	248	13	543050	3921810	W,R	SBR4508	255-256	418	-
4509	249	13	543200	3921500	W	SBR4509	119	241	-
4524	250	13	538450	3922260	W,R	-	-	-	-
4566	251	13	540805	3922895	W,R	SBR4566	253	5	-
4567	252	13	540850	3922690	W	SBR4567	253	3	-
4568	253	13	541570	3921050	W,R	SBR4568	253	4	-
4569	254	13	542205	3920260	W,R	SBR4569	257	3	-
4570	255	13	541885	3921355	W,R	SBR4570	257	1	-
4571	256	13	541945	3921055	W,R	SBR4571	257	6	-
4572	257	13	540760	3921935	W,R	SBR4572	257	5	-
4573	258	13	541055	3921615	W,R	SBR4573	257	5	-
4574	259	13	541100	3921405	W,R	SBR4574	257	2	-
4575	260	13	539770	3920820	W,R	SBR4575	260	4	-
4576	261	13	539410	3920460	W,R	SBR4576	258	9	-
4577	262	0	540085	3921805	W,R	SBR4577	258	6	-
4578	263	13	540130	3922475	W,R	SBR4578	258	9	-
4579	264	13	540275	3922760	W,R	SBR4579	258	3	-
4580	265	13	540310	3921670	W,R	SBR4580	258	5	-
4581	266	13	539985	3922245	W,R	SBR4581	259	3	-
4582	267	13	539300	3922130	W,R	SBR4582	259	6	-

PORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4583	268	13	538860	3921805	W,R	SBR4583	259	6	-
4642	269	13	544070	3921490	W	-	-	-	-
4643	270	13	542305	3921260	W	-	-	-	-
4644	271	13	543875	3921800	W	SBR4644	260	198	-
4645	272	13	544060	3921390	W	-	-	-	-
4646	273	13	543600	3920820	W	-	-	-	-
4647	274	13	544000	3921000	W	-	-	-	-
4510	275	13	544750	3924675	W,R	SBR4510	259	1	-
4511	276	13	543700	3922750	W,R	SBR4511	259	2	-
4512	277	13	545650	3922300	W	SBR4512	259	5	-
2659	278	6	551840	3898110	W,F	SBR2659/TIECAT	528,534,544	1078	Tiefort I
5252	279	2	520850	3918900	F,W	NELSCAT	See Boxlist 602-679	29	Nelson
5254	281	2	519095	3921740	F,W	NELSCAT	See Boxlist 602-679	2	Nelson
5255	282	2	522985	3921015	F,W	SB5255CT, NELSCAT	See Boxlist 602-679	628	Nelson
5257	283	2	522705	3921120	F,W	SB5257CT	See Boxlist 602-679	182	Nelson
4871	284	5	520000	3896750	W	SBR4871	261-262	766	-
5259	285	2	522470	3922340	W	SB5259	259	1	-
5261	286	2	522135	3922710	W	-	-	-	-
5264	287	2	520355	3922295	F,W	NELSCAT	See Boxlist 602-679	4	Nelson
5262	287	2	521635	3922465	F,W	SB5262CT, NELSCAT	See Boxlist 602-679	340	Nelson
5265	288	2	523550	3921240	F,W	NELSCAT	See Boxlist 602-679	5	Nelson
5266	289	2	523415	3921960	F,W	SB5266CT, NELSCAT	See Boxlist 602-679	219	Nelson
5258	290	2	522405	3922215	F,W	NELSCAT	See Boxlist 602-679	2	Nelson
5368	291	6	548935	3899320	W,F	SB5247/TIECAT	528	12	Tiefort I
5369	292	6	548950	3899320	FW	SB5369CT	See Boxlist 547-601	270	Tiefort II
5371	293	6	548775	3899060	W,F	TIECAT	528,534	36	Tiefort I
5384	294	6	550460	3898975	W,F	TIECAT	528,532-34,541,545,546	1051	Tiefort I
5350	296	6	550365	3899800	FW	SB5350CT	See Boxlist 547-601	590	Tiefort II
5377	297	6	549460	3899526	W,F	TIECAT	528	11	Tiefort I
5380	298	6	550978	3899335	FW	SB5380CT	See Boxlist 547-601	437	Tiefort II
5367	299	6	549895	3899070	FW	SB5367CT	See Boxlist 547-601	1527	Tiefort II
5370	300	6	548795	3899012	W,F	TIECAT	529,534	96	Tiefort I
5372	301	6	548109	3899007	W,F	TIECAT	529,534	10	Tiefort I
5373	302	6	549282	3899449	W,F	TIECAT	529	5	Tiefort I
5374	303	6	549628	3899460	W,F	TIECAT	NA	21	Tiefort I
5375	304	6	549744	3899548	W,F	TIECAT	529	1	Tief I; screened flot
5376	305	6	550035	3899028	W,F	TIECAT	534	89	Tiefort I
5379	306	6	550316	3899189	W,F	TIECAT	529	25	Tiefort I
5378	307	6	550000	3900622	W,F	TIECAT	529	148	Tiefort I
5381	308	6	551350	3898800	W,F	TIECAT	529,534-538,542	311	Tiefort I
5365	310	10	553728	3920262	W	SB5365	263-267	569	-
5382	311	6	549850	3898400	W,F	TIECAT	529,534	118	Tiefort I
112	312	13	547320	3921800	W	-	-	-	-
2660	319	7	557450	3903525	W	-	-	-	-
2661	320	7	559375	3903525	W	-	-	-	-
4204	322	10	551350	3920080	W	SB4204A & B	268-460	18001	-

FORT IRVIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
4249	323	10	557225	3918225	C	SBR4249, CRNSBR	461	71	-
4283	324	13	546120	3921900	W	-	-	-	-
4656-H	326	10	550190	3924700	W	-	-	-	-
3832	328	12	538300	3925725	W	-	-	-	-
4214	331	12	544700	3927675	F,W,C	NA	511	15	Drinkwater:see binder
4215	332	12	542020	3926850	F,W	RECNA215	511	37	Drinkwater
4437	373	5	534700	3895860	W	-	-	-	-
2363-H	418	11	551650	3932850	W	-	-	-	-
3827-H	420	11	554450	3935110	W	-	-	-	-
2348	424	14	520225	3904175	F	SBR2348	489-505	1973	Goldstone
2350	425	3	521100	3906525	W	-	-	-	-
2351	426	3	522220	3904090	W	-	-	-	-
2354	428	3	517975	3915000	W	-	-	-	-
2211-H	437	5	523280	3898400	W	SBR2211	462-465	1231	-
5267	440	4	531366	3914210	W	SBR5267	466-468	608	-
5250	498	6	549975	3899310	FW	SB5250CT	See Boxlist 547-601	7793	Tiefort II
5251	499	6	549100	3999200	FW	SB5251CT	See Boxlist 547-601	2690	Tiefort II
5248	500	6	550675	3898200	FW	SB5248CT/TIECAT	See Boxlist 547-601	443	Tiefort II
5247	501	6	550725	3898675	W,F	TIECAT	529	29	Tiefort I
5246	502	6	550450	3898425	W,F	TIECAT	529	1	Tiefort I
5330	504	6	548720	3901160	W,F	TIECAT	530, 534	95	Tiefort I
5541	505	6	547600	3900350	F,W	TIECAT	530	19	Tiefort I
5534	506	6	551320	3901025	F,W	TIECAT	531, 534	6	Tiefort I
5532	507	6	551700	3896640	F,W	TIECAT	531	89	Tiefort I
5533	508	6	549725	3897700	F,W	TIECAT	531	42	Tiefort I
5535	509	6	543240	3902000	F,W	TIECAT	531	4	Tiefort I
5536	511	6	551980	3893260	F,W	TIECAT	531, 534	33	Tiefort I
5537	512	6	549800	3898980	FW	SB5537CT/TIECAT	See Boxlist 547-601	120	Tiefort I
5538	513	6	550005	3898000	F,W	TIECAT	531, 534	132	Tiefort II
5539	514	6	551080	3896720	F,W	TIECAT	531, 534	154	Tiefort I
5540	515	6	551490	3893180	F,W	TIECAT	532, 534	62	Tiefort I
4213	516	12	544850	3927500	F,W,C	FW4213	534, 541	121	Tiefort I
4564	517	12	542300	3927315	F,W	FW4564	506, 517-519	470	Drinkwater
N-3	521	2	516470	3917260	F	NELSCAT	507, 517, 519	47	Drinkwater
5254	522	2	519095	3921740	F,W	NELSCAT	602-679	9	Nelson
6212	523	2	535400	3917800	F	SB6212CT	See Boxlist 602-679	22	Nelson
6213	524	1	527190	3927900	F	SB6213CT	See Boxlist 602-679	137	Nelson
6214	525	1	527650	3927300	F	SB6214CT	See Boxlist 602-679	73	Nelson
6215	526	1	527770	3927130	F	SB6215CT	See Boxlist 602-679	66	Nelson
6216	527	1	527800	3926780	F	SB6216CT	See Boxlist 602-679	94	Nelson
4171	528	1	526470	3926940	F,W	SB4171CT	See Boxlist 602-679	80	Nelson
6217	529	1	526880	3926980	F	SB6217CT	See Boxlist 602-679	222	Nelson
6218	530	1	527160	3927440	F	SB6218CT	See Boxlist 602-679	130	Nelson
6219	531	1	528560	3927420	F	SB6219CT	See Boxlist 602-679	81	Nelson
6220	532	2	526680	3924000	F	SB6220CT	See Boxlist 602-679	116	Nelson

PORT IRWIN ARCHAEOLOGICAL PROJECT - SITE LOCATION AND COLLECTION INFORMATION

Site	Acc	Area	UTM_E	UTM_N	Project	Dbase File	Box Number	Number of Cat Entries	Comment
6221	533	2	530380	3921000	F	SB6221CT	See Boxlist 602-679	95	Nelson
6222	534	2	530240	3920200	F	SB6222CT	See Boxlist 602-679	46	Nelson
6223	535	2	533860	3917440	F	SB6223CT	See Boxlist 602-679	414	Nelson
6224	536	1	529830	3927590	F	SB6224CT	See Boxlist 602-679	34	Nelson
6225	537	2	532840	3922270	F	SB6225CT	See Boxlist 602-679	15	Nelson
6226	538	2	532500	3922580	F	SB6226CT	See Boxlist 602-679	43	Nelson
6227	539	2	516900	3928600	F	SB6227CT	See Boxlist 602-679	37	Nelson
6228	540	2	516240	3928850	F	SB6228CT	See Boxlist 602-679	45	Nelson
6229	541	2	516540	3929800	F	SB6229CT	See Boxlist 602-679	26	Nelson
6230	542	2	516030	3928970	F	SB6230CT	See Boxlist 602-679	14	Nelson
6231	543	2	516050	3930030	F	SB6231CT	See Boxlist 602-679	171	Nelson
6232	544	2	516930	3930300	F	SB6232CT	See Boxlist 602-679	82	Nelson
6233	545	2	516920	3930600	F	SB6233CT	See Boxlist 602-679	52	Nelson
6234	546	2	516800	3930870	F	SB6234CT	See Boxlist 602-679	27	Nelson
6235	547	2	516640	3930820	F	SB6235CT	See Boxlist 602-679	103	Nelson
6236	548	2	516770	3930600	F	SB6236CT	See Boxlist 602-679	190	Nelson
6237	549	2	516640	3930490	F	SB6237CT	See Boxlist 602-679	45	Nelson
6238	550	2	516130	3930450	F	SB6238CT	See Boxlist 602-679	35	Nelson
5263	551	2	520935	3922030	F,W	SB5263CT	See Boxlist 602-679	368	Nelson

Note: Area, geographic location of site: 1 - Leach Lake Uplands, 2 - Nelson/McLean Basins, 3 - Nelson Lake Uplands, 4 - Nelson Wash, 5 - Langford Well Area, 6 - Tiefert Basin, 7 - Red Pass Lake Area, 8 - East Lucky Fuse, 9 - Bicycle Lake Basin, 10 - Bow Willow Wash, 11 - Avawatz Mountains, 12 - Drinkwater Basin, 13 - No Name Basin, 14 - Goldstone Area; Project = C - Cornerstone Research, F - Far Western, R - RECON, W - Wirth; Comment, contains notes or the name of the Far Western collection (i.e., Nelson, Drinkwater, Tiefert I and II).

APPENDIX V

MCX LIST OF REFERENCES

In addition to the references reviewed by MCX personnel at the archaeological site information center, every attempt was made to obtain references cited but not on file. Information taken from these references was coded for data relating to collections made from sites located on installation property (see attached sample of PD-C Bibliographic Data Sheet form) and entered into a data base for ease of manipulation.

Report titles were drawn directly from the title page of reports, and consist of the following fields:

FIELD	DATA ENTERED
Subject Property	Army Installation name
Last Name	Primary author's last name
First Name	Primary author's first name
Middle Initial	Primary author's middle initial
Secondary Authors	Names of secondary authors, <i>or</i> in instances where the author is a company rather than an individual, the company name is listed here
Title	Title of the reference. For letter reports, the person or agency to whom the correspondence is addressed is listed as the title.
Series	If the report is part of a publication series, the name and number are provided here.
Date	Date of publication or submission
Length	Report length in pages
Contract Number	Contract number and delivery order number, if applicable

The data for the next three fields are drawn directly from the report title page and reflect the hierarchy of contracting agencies involved in accomplishing the work. In some cases, the sponsoring agency is listed as the Army installation; in others, the intermediary contracting agent, (e.g., the Army Corps of Engineers or the National Park Service) is listed as the Sponsoring Agency.

Sponsoring Agency	Agency for which the report was prepared
Contractor	The agent contracted to perform the work
Subcontractor	The agent subcontracted to perform the work

The majority of the citations for archaeological investigations on Army land refer to unpublished reports prepared under contract with federal agencies, consequently the MCX printout was designed to address these reports. In instances where the author is a company rather than an individual, the company name is listed in the Secondary Authors field (due to the length of the field). For published references, the publisher is listed in the Sponsoring Agency field.

NADB No.

PD-C Collection No.

PD-C Bibliography Data Sheet

Date: _____

Information obtained by: _____

PD-C Project:

Subject Property:

Repository (name and location):

Record Collection Name/Number:

Report Date and Length (in pages):

Author(s):

Title:

Contractor/Address or Publisher/Address (city, state):

Subcontractor/Address (city, state):

Report Series and Number:

Contract/Purchase Order Number(s):

Sponsoring Agency/Address:

Project Name and Location:

Principal Investigator(s)/Director(s):

Fieldwork Dates:

Type of Investigation (e.g., survey, testing, mitigation):

PD-C Bibliography Data Sheet (continued)

Site Numbers:

Archaeological Period (e.g., Hohokam, Mississippian):

Material Classes (range):

Artifact Collections and Locations:

Approximate Size of Collections (e.g., number of objects):

Record Collections and Locations:

NAGPRA Materials (Check if present)

Human Skeletal Remains _____

Objects

Associated Funerary _____

Unassociated Funerary _____

Sacred _____

Cultural Patrimony _____

Human Skeletal Remains Data Sheet ☐
Number of Attached Sheets _____

Object Data Sheet ☐
Number of Attached Sheets _____

Cultural Affiliation(s):

Basis for Affiliation Determination (e.g., geographic location, burial practices):

Comments:

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : First name : Middle Initial :

Secondary Authors : New Mexico State University

Title : Cultural Resources Report for the All American Pipeline Project: Santa Barbara, California to McCamey, Texas and Additional Areas to the East Along the Central Pipeline Route in Texas.

Series :

Date : 08/11/89 Length : Contract Number :

Sponsoring Agency :

Contractor : New Mexico State University

Subcontractor :

Subject property : Fort Irwin, CA

Last name : First name : Middle Initial :

Secondary Authors : RECON, Regional Environmental Consultants

Title : Preliminary Survey Results.

Series :

Date : 01/30/81 Length : 80 Contract Number : A52007(80)

Sponsoring Agency : United States Army, FORSCOM

Contractor : Heritage Conservation and Recreation Service/Interagency Archeological Division

Subcontractor : RECON

Subject property : Fort Irwin, CA

Last name : First name : Middle Initial :

Secondary Authors : US Department of Interior, Bureau of Land Management, Riverside, California

Title : Archeological Sites of the California Desert Area (Calico, Kramer, Stoddard, Johnson, Morongo, Twentynine Palms Transect Forms).

Series :

Date : 1978 Length : 8 Contract Number :

Sponsoring Agency :

Contractor : US Department of Interior, Bureau of Land Management

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Alsoszatai-Petheo

First name : John

Middle Initial : A.

Secondary Authors :

Title : A Preliminary Study of the Archaeology of Fort Irwin, An Environmental Impact Statement.

Series :

Date : 03/27/78

Length : 22

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Baker

First name : Suzanne

Middle Initial :

Secondary Authors :

Title : Cultural Resources Study of the Fort Irwin Defense Access Road, CA-A-AD-73(1), San Bernardino County, California, Volume 1.

Series :

Date : 08/94

Length : 31

Contract Number : 1443 PX8000-94-0262

Sponsoring Agency : Federal Highway Administration, Central Direct Federal Division, Denver, Colorado

Contractor : National Park Service - Western Region, Interagency Archeological Services Branch

Subcontractor : Archaeological/Historical Consultants

Subject property : Fort Irwin, CA

Last name : Bamforth

First name : Douglas

Middle Initial : B.

Secondary Authors : Ronald I. Dorn, Michael E. Macko, and Edward B. Weil

Title : Tradition and Transmission: Prehistoric Stone Procurement and Tool Reduction in the Mojave Desert - Results of the Intermountain Power Project Data Recovery Program in California.

Series : Federal Antiquities Permit No. 81-CA-220

Date : 12/86

Length :

Contract Number :

Sponsoring Agency :

Contractor : Applied Conservation Technology, Inc.

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Basgall

First name : Mark

Middle Initial : E.

Secondary Authors :

Title : Deception Knoll (CA-SBR-5047): An Early Holocene Encampment in the North-central Mojave Desert.

Series : San Bernardino County Museum Association Special Publication 94-1

Date : 1994

Length : 9

Contract Number :

Sponsoring Agency :

Contractor : San Bernardino County Museum Association

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Basgall

First name : Mark

Middle Initial : E.

Secondary Authors :

Title : The Archaeology of Nelson Basin and Adjacent Areas, Fort Irwin, San Bernardino County, California.

Series :

Date : 09/93

Length : 524

Contract Number : DACA09-86-D-060

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

Subject property : Fort Irwin, CA

Last name : Basgall

First name : Mark

Middle Initial : E.

Secondary Authors : M.C. Hall, William R. Hildebrandt

Title : The Late Holocene Archaeology of Drinkwater Basin, Fort Irwin, San Bernardino County, California.

Series :

Date : 02/88

Length : 354

Contract Number : DACA-09-85-D-0100

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Becker

First name : Roberta

Middle Initial :

Secondary Authors : Claude Warren

Title : Preliminary Report for Drinkwater Lake Sites.

Series :

Date : 01/04/82

Length : 21

Contract Number : 8002-1-0034, Task 4

Sponsoring Agency : National Park Service

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Becker

First name : Roberta

Middle Initial : L.

Secondary Authors : Sheila Vaughan, Peter Ainsworth

Title : Testing and Data Recovery at Drinkwater Basin, Fort Irwin, San Bernardino County, California. Draft.

Series : Fort Irwin Archaeological Project, Research Report Number

Date : 07/82

Length : 150

Contract Number : CX-8002-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Bergin

First name : Kathleen

Middle Initial : Ann

Secondary Authors :

Title : An Evaluation of the DeVouge Spring East Sites, 4-SBr-4451 and 4-SBr-4561, Fort Irwin, San Bernardino County, California. Final Report.

Series : Fort Irwin Archaeological Project, Research Report Number 8

Date : 02/84

Length : 105

Contract Number : 8002-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Bergin

First name : Kathleen

Middle Initial : Ann

Secondary Authors :

Title : An Evaluation of the Fourteen Metates Site, SBr-4458, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 4

Date : 04/82

Length : 97

Contract Number : #8002-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Bergin

First name : Kathleen

Middle Initial : Ann

Secondary Authors : Claude N. Warren

Title : A Research Design for the Data Recovery of Bow Willow Wash South (Site 4-SBr-4204), A Pavement Quarry Within Fort Irwin, San Bernardino County, California. Final Report.

Series : Fort Irwin Archaeological Project, Research Report Number 9

Date : 10/83

Length : 112

Contract Number : 8008-1-0034

Sponsoring Agency : US Army Forces Command, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Bergin

First name : Kathleen

Middle Initial : Ann

Secondary Authors : David D. Ferrano

Title : Interim Analysis Report: Data Recovery of Bow Willow Wash South.

Series : Fort Irwin Archaeological Project, Research Report Number 20

Date : 10/87

Length : 152

Contract Number : CX8020-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Dames & Moore

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Bergin

First name : Kathleen

Middle Initial : Ann

Secondary Authors : David D. Ferraro

Title : The Data Recovery of Three Sites in Bow Willow Wash South: The Fieldwork Phase, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 14

Date : 03/85

Length : 319

Contract Number : 8014-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Bouey

First name : Paul

Middle Initial : D.

Secondary Authors : Patricia J. Mikkelsen

Title : Survey and Test Evaluation of the China Lake - Fort Irwin Joint Land Use Area, San Bernardino County, California, Volumes 1 and 2.

Series :

Date : 04/89

Length :

Contract Number : USACE Los Angeles DACA09-86-D-0110

Sponsoring Agency : US Army Corps of Engineers-Los Angeles District

Contractor : Far Western Anthropological Research Group, Inc.

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Bull

First name : Charles

Middle Initial : S.

Secondary Authors :

Title : A Cultural Resource Survey of the Offense Area of the Live Fire Maneuver Range, Fort Irwin, California.

Series : RECON No. R-1167

Date : 02/19/81

Length : 36

Contract Number : A52007(80)

Sponsoring Agency : US Army, FORSCOM

Contractor : Heritage Conservation and Recreation Service, Interagency Archeological Services

Subcontractor : Regional Environmental Consultants (RECON)

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Byrd

First name : Brian

Middle Initial : F.

Secondary Authors : Drew M. Palette

Title : Archaeological Overview and Sample Survey of the Silurian Valley Study Area. Volume 1.

Series :

Date : 07/94

Length : 312

Contract Number : DACA09-92-D-0011

Sponsoring Agency : US Army Corps of Engineers-Los Angeles District

Contractor : Brian F. Mooney Associates

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Cardenas

First name : D.

Middle Initial : Sean

Secondary Authors : Claude Warren, Kathleen Ann Bergin

Title : A Research Design for the Data Recovery of Archaeological Sites Within No Name West Basin, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 1

Date : 02/82

Length : 94

Contract Number : #8002-1-0034

Sponsoring Agency : US Army, National Training Center, Fort Irwin, California

Contractor : Interagency Archeological Services Division, National Park Service - Western Region

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Davis

First name : Emma

Middle Initial : Lou

Secondary Authors : William T. Eckhardt, M. Jay Hatley

Title : Cultural Resource Reconnaissance of A Portion of the Live Fire Maneuver Range, Fort Irwin, San Bernardino County, California.

Series :

Date : 12/29/80

Length : 96

Contract Number : A52006(80)

Sponsoring Agency : US Army, FORSCOM

Contractor : Heritage Conservation and Recreation Service, Interagency Archeological Services

Subcontractor : Cornerstone Research

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Davis

First name : Emma

Middle Initial : Lou

Secondary Authors : William T. Eckhardt, M. Jay Hatley

Title : Cultural Resource Reconnaissance of the Live Fire Maneuver Range Assembly and Defense Areas, Fort Irwin, San Bernardino County, California.

Series :

Date : 03/81

Length :

Contract Number : A52008(80)

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Cornerstone Research

Subject property : Fort Irwin, CA

Last name : Douglas

First name : Charles

Middle Initial : L.

Secondary Authors : Dennis L. Jenkins, Claude N. Warren

Title : Spatial and Temporal Variability in Faunal Remains from Four Lake Mojave-Pinto Period Sites in the Mojave Desert.

Series : Anthropological Papers Number 21

Date : 12/88

Length : 12

Contract Number :

Sponsoring Agency :

Contractor : Nevada State Museum

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Eckhardt

First name : William

Middle Initial : T.

Secondary Authors : M. Jay Hatley

Title : Report of Intensive Survey Instrumented Range Assembly Area, Fort Irwin, San Bernardino County: Addendum, Survey, Testing, and Documentation Assembly and Offense Areas, Fort Irwin, California.

Series :

Date : 07/82

Length : 53

Contract Number : 8099-1-0001

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : Cornerstone Research

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Eckhardt

First name : William

Middle Initial : T.

Secondary Authors : M. Jay Hatley

Title : Survey, Testing, and Documentation, Assembly and Offense Areas, Live Fire Maneuver Range, Fort Irwin, San Bernardino County, California.

Series :

Date : 06/82

Length : 260

Contract Number : 8099-1-0001

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : Cornerstone Research

Subject property : Fort Irwin, CA

Last name : Geary, Jr.

First name : Harold

Middle Initial : J.

Secondary Authors :

Title : Archaeology in the Northeast Mojave Desert, California: The Iron Mountain Mine Area.

Series :

Date : 01/03/83

Length : 146

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Hall

First name : M.

Middle Initial : C.

Secondary Authors :

Title : Archaeology of Seven Prehistoric Sites in Tiefort Basin, Fort Irwin, San Bernardino County, California.

Series :

Date : 08/93

Length : 354

Contract Number : DACA09-86-D-0110

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Hanna

First name : David

Middle Initial :

Secondary Authors : Richard H. Norwood, Charles S. Bull, E.J. Rosenthal

Title : Cultural Resource Survey of a Portion of the Live Fire Maneuver Range, Fort Irwin, California. Draft Report.

Series : RECON Number R-1190D

Date : 10/30/81

Length :

Contract Number : C52010(80)

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : RECON

Subject property : Fort Irwin, CA

Last name : Hanna

First name : David

Middle Initial : C.

Secondary Authors :

Title : Archaeological Monitoring During Construction of Targets in the Offense and Defense Areas of the Live Fire Maneuver Range at Fort Irwin National Training Center, San Bernardino County, California.

Series : RECON Number R-1190B

Date : 07/08/81

Length : 52

Contract Number : A52010(80)

Sponsoring Agency : US Army, FORSCOM

Contractor : Heritage Conservation and Recreation Service, Interagency Archeological Services

Subcontractor : RECON Regional Environmental Consultants

Subject property : Fort Irwin, CA

Last name : Hanna

First name : David

Middle Initial : C.

Secondary Authors : Charles S. Bull, E. Jane Rosenthal

Title : Cultural Resources of the Live Fire Maneuver Range at Fort Irwin, California: Addendum Report on the Survey of Approximately 16 Square Kilometers.

Series : RECON Number R-1190E

Date : 10/07/81

Length : 120

Contract Number : C52010(80)

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : RECON Regional Environmental Consultants

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : James

First name : Ephron

Middle Initial : Henry

Secondary Authors :

Title : The First Old Spanish Trail.

Series :

Date : 11/91

Length : 6

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial :

Secondary Authors :

Title : Spatial and Temporal Distributions of Ceramics at Fort Irwin.

Series :

Date : 1984

Length :

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Dating the Pinto Occupation at Rogers Ridge: A Fossil Spring Site in the Mojave Desert, California.

Series : (Journal of California and Great Basin Anthropology 9(2): 214-231)

Date : 1987

Length :

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Flood, Sweat and Spears in the Valley of Death: Site Survey and Evaluation in Tiefert Basin, Fort Irwin, California.

Series : Fort Irwin Archaeological Project, Research Report Number 17

Date : 12/86

Length : 354

Contract Number : 8017-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Fort Irwin Ceramic Research Program: Constructing New Models to Solve Old Problems.

Series : Paper presented at the Great Basin Anthropological Conference, Boise, Idaho, October 4-6, 1984

Date : 10/4/84

Length : 13

Contract Number :

Sponsoring Agency : Fort Irwin Archaeological Project, US Army National Training Center, Fort Irwin, California

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Preliminary Review of the Awl Site: A Pinto Site at Fort Irwin.

Series :

Date : 04/82

Length : 10

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Rogers Ridge (4-SBr-5250): A Fossil Spring Site of the Lake Mojave and Pinto Periods - Phase 2 Test Excavations and Site Evaluation.

Series : Fort Irwin Archaeological Project, Research Report Number 18

Date : 10/85

Length : 246

Contract Number : CX8018-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services, a Division of Dames & Moore

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors :

Title : Test Excavation and Significance Assessment of Archaeological Site SBr-4448, A Rockshelter in the Drinkwater Basin, Fort Irwin, California, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 2

Date : 01/82

Length : 72

Contract Number : #8002-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Jenkins

First name : Dennis

Middle Initial : L.

Secondary Authors : Claude N. Warren

Title : Test Excavation and Data Recovery at the Awl Site, 4-SBr-4562, A Pinto Site at Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 22

Date : 12/86

Length : 180

Contract Number : 8002-I-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Kaldenberg

First name : Russell

Middle Initial : L.

Secondary Authors :

Title : A Post-Use Compliance Examination of the Archaeology of Ft. Irwin as Affected by the 1980 Gallant Eagle Exercise.

Series :

Date : 07/18/80

Length : 33

Contract Number :

Sponsoring Agency : AFZC-FE-EQ, Headquarters, Fort Carson, CO

Contractor : Bureau of Land Management, Riverside District Office

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Kaldenberg

First name : Russell

Middle Initial : L.

Secondary Authors :

Title : A Report on the Status of Some Archaeological Resources at Fort Irwin, Mojave Desert, California.

Series :

Date : 03/27/78

Length : 33

Contract Number :

Sponsoring Agency : China Lake Naval Weapon Base, US Army, Fort Ord, Office of Historic Preservation, Bureau of Land Management-Sacramento

Contractor : Russell L. Kaldenberg

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Kaldenberg

First name : Russell

Middle Initial : L.

Secondary Authors :

Title : Archaeological Field Examinations at Fort Irwin in Preparation for the 1980 Gallant Eagle Exercise.

Series :

Date : 04/02/80

Length :

Contract Number :

Sponsoring Agency : US Army, Fort Carson, Colorado

Contractor : Bureau of Land Management

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Kaldenberg

First name : Russell

Middle Initial : L.

Secondary Authors :

Title : The Archaeology of Selected Springs and Playas on Fort Irwin and in Portions of the Avawatz Mountains.

Series : San Bernardino County Museum Association Quarterly Vol. 28, No. 3&4

Date : 1981

Length :

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Kelly

First name : Michael

Middle Initial : S.

Secondary Authors :

Title : Archaeological Studies in No Name West Basin, Fort Irwin, San Bernardino County, California. Volume 1: The Field Phase of Data Recovery at 10 Loci.

Series :

Date : 02/85

Length : 115

Contract Number : CX8016-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Kelly

First name : Michael

Middle Initial : S.

Secondary Authors : Claude N. Warren

Title : An Evaluation of 22 Selected Sites in No Name West Basin, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 10

Date : 07/84

Length :

Contract Number : CX8010-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Kelly

First name : Michael

Middle Initial : S.

Secondary Authors : Claude N. Warren

Title : Archaeological Studies in No Name West Basin, Fort Irwin, San Bernardino County, California: Volume 2: The Field Phase of Data Recovery at Two Sites.

Series : Fort Irwin Archaeological Project, Research Report Number 19

Date : 07/85

Length : 64

Contract Number : 8019-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services, a Division of Dames & Moore

Subject property : Fort Irwin, CA

Last name : Lyneis

First name : Margaret

Middle Initial : M.

Secondary Authors :

Title : The Nelson Wash Sites, Fort Irwin, California: Component Definition and Assemblage Composition.

Series : Paper presented at the Great Basin Anthropological Conference, Boise, Idaho, October 5, 1984

Date : 1984

Length :

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : McGuire

First name : Kelly

Middle Initial : R.

Secondary Authors :

Title : A Cultural Resources Inventory and Limited Evaluation of the Proposed Mojave Pipeline Corridor in California and Arizona.

Series :

Date : 07/90

Length :

Contract Number :

Sponsoring Agency : Woodward-Clyde Consultants

Contractor : Far Western Anthropological Research Group, Inc.

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : McGuire

First name : Kelly

Middle Initial : R.

Secondary Authors : M. C. Hall, Mark E. Basgall

Title : Report on an Archaeological Survey in Tiefort Basin, Fort Irwin, San Bernardino County, California.

Series :

Date : 08/21/86

Length : 54

Contract Number : DACA09-85-D-0100

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

Subject property : Fort Irwin, CA

Last name : McGuire

First name : Kelly

Middle Initial : R.

Secondary Authors : M.C. Hall

Title : The Archaeology of Tiefort Basin, Fort Irwin, San Bernardino County, California.

Series :

Date : 11/88

Length : 354

Contract Number : DACA-09-85-D-0100

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

Subject property : Fort Irwin, CA

Last name : Mikkelsen

First name : Patricia

Middle Initial : J.

Secondary Authors : M. C. Hall

Title : A Cultural Resources Sample Survey of the Proposed Fort Irwin Land Expansion Area, San Bernardino County, California.

Series :

Date : 08/90

Length : 162

Contract Number : DACA09-88-D-0016

Sponsoring Agency :

Contractor : US Army Corps of Engineers-Los Angeles District

Subcontractor : Far Western Anthropological Research Group, Inc.

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Nickel

First name : Robert

Middle Initial : K.

Secondary Authors : Janis L. Dial

Title : Trip Report, Fort Irwin Military Reservation, California, August 12-16, 1984.

Series :

Date : 09/10/84

Length :

Contract Number :

Sponsoring Agency :

Contractor : National Park Service, Midwest Archeological Center

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Norwood

First name : Richard

Middle Initial : H.

Secondary Authors :

Title : Cultural Resource Reconnaissance for Leach Lake Basin.

Series :

Date : 01/89

Length : 50

Contract Number :

Sponsoring Agency : 831 CSG/DEV, George Air Force Base, California

Contractor : AFFTC/DEV, Edwards Air Force Base, California

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Norwood

First name : Richard

Middle Initial : H.

Secondary Authors :

Title : Obsidian Hydration Measurements from Fort Irwin, California.

Series : Monograph XXIX [Obsidian Dates IV, Clement W. Meighan & Janet L. Scalise, Editors]

Date : 1988

Length :

Contract Number :

Sponsoring Agency :

Contractor : University of California, Los Angeles, Institute of Archaeology

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Norwood

First name : Richard

Middle Initial : H.

Secondary Authors : Charles S. Bull, E.J. Rosenthal

Title : An Archaeological Data Recovery Project in the East Drinkwater Basin, Fort Irwin, California. Draft Report/

Series : Job Number R-1190A

Date : 08/19/81

Length : 339

Contract Number : A52010(80)

Sponsoring Agency : US Army, FORSCOM

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : RECON

Subject property : Fort Irwin, CA

Last name : Peck

First name : Ethel

Middle Initial : G.

Secondary Authors : Stuart L. Peck

Title : Jack Spring and Bicycle Lake, Nov. 29 to Dec. 1, 1946.

Series :

Date : 12/21/46

Length : 4

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Rafferty, PhD

First name : Kevin

Middle Initial :

Secondary Authors : Peter Matranga, Kenneth C. Knight, PhD

Title : A National Register of Historic Places Assessment of Ten Sites on the China Lake - Fort Irwin Joint Land Use Area, San Bernardino County, California.

Series : Knight & Leavitt, Inc. #90-0107, Rafferty, ARSN 4-1-6

Date : 10/90

Length : 28

Contract Number :

Sponsoring Agency :

Contractor : Knight and Leavitt Associates, Inc.

Subcontractor : Sierra Delta Corporation

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Reynolds

First name : Richard

Middle Initial : L.

Secondary Authors :

Title : Faunal Analysis of the Fort Irwin Project, Sites CA-SBr-4213, 4446, 4449, and 4450. Draft Report.

Series :

Date : 10/26/81

Length : 85

Contract Number : Project No. R-1190A

Sponsoring Agency :

Contractor : RECON, Regional Environmental Consultants

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Ritter

First name : Eric

Middle Initial :

Secondary Authors :

Title : An Evaluation of Archaeological Resources within the East Bullion Mountains, San Bernardino County, California.

Series :

Date : 11/04/74

Length :

Contract Number :

Sponsoring Agency :

Contractor : Bureau of Land Management

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Robarchek

First name : Clay

Middle Initial :

Secondary Authors :

Title : An Intensive Archaeological Survey of Proposed Gravel Operations in Bicycle Lake Basin, Fort Irwin, California.

Series : Fort Irwin Archaeological Project, Research Report Number 3

Date : 01/82

Length : 27

Contract Number : CX 8005-1-0034

Sponsoring Agency : US Army Corps of Engineers-Sacramento District

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Robarchek

First name : Clay

Middle Initial :

Secondary Authors : Claude N. Warren, Victoria Adair

Title : Intensive Cultural Resource Survey of Portions of the Live Fire Maneuver Range, Fort Irwin, California.

Series : Fort Irwin Archaeological Project, Research Report Number 5

Date : 04/82

Length : 210

Contract Number : CX8001-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Robarchek

First name : Clay

Middle Initial :

Secondary Authors : William H. Breece, Kathleen Ann Bergin, Claude N. Warren

Title : An Archaeological Survey of the 1982 Gallant Eagle Exercise Area, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 7

Date : 04/84

Length : 271

Contract Number : 8006-1-0034

Sponsoring Agency : US Army, XVIII Airborne Corps, Fort Bragg, North Carolina

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Schneider

First name : Joan

Middle Initial : S.

Secondary Authors : Claude N. Warren

Title : Endangered Sites at Nelson Lake, San Bernardino County, California: An Analysis of Museum Collections and Records.

Series : (Paper presented at the Annual Meeting of the Society for California Archaeology, March 1988.)

Date : 1988

Length : 10

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Skinner

First name : Elizabeth

Middle Initial : J.

Secondary Authors :

Title : Bits and Pieces of Prehistory at Fort Irwin: Testing of KD-25, the Knoll Site, the Crossroads Site, Garlic Spring and Bitter; and Survey of Areas 12A and 12H, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 12

Date : 02/85

Length :

Contract Number : 8012-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Skinner

First name : Elizabeth

Middle Initial : J.

Secondary Authors :

Title : Data Recovery of a Portion of Bow Willow Wash North, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 11

Date : 07/84

Length : 319

Contract Number : CX-8003-1-0034

Sponsoring Agency : U.S. Army National Training Center, Fort Irwin

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Skinner

First name : Elizabeth

Middle Initial : J.

Secondary Authors :

Title : Early Times Lithic Resource Use on Fort Irwin.

Series : Paper presented at the Nineteenth Annual Meeting of the Society for California Archaeology, 3/28/85.

Date : 1985

Length : 12

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Skinner

First name : Elizabeth

Middle Initial : J.

Secondary Authors : Peter W. Ainsworth

Title : Flake Attributes and Technological Behavior in Basalt Biface Reduction Systems in the Central Mojave Desert.

Series : Paper presented at Great Basin Anthropological Conference, Boise, Idaho, October 4-6, 1984

Date : 10/84

Length :

Contract Number :

Sponsoring Agency : National Park Service, Interagency Archeological Services and Fort Irwin Archaeological Project.

Contractor : Wirth Environmental Services, Dames & Moore

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Stockton

First name : Richard

Middle Initial : R.

Secondary Authors :

Title : An Intensive Cultural Resource Survey Around Drinkwater Spring and South of Leach Lake, Fort Irwin, San Bernardino County, California. Final Report.

Series : Fort Irwin Archaeological Project, Research Report Number 5 (Addendum)

Date : 12/83

Length : 85

Contract Number : CX8007-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Sutton

First name : Mark

Middle Initial : Q.

Secondary Authors : Philip J. Wilke

Title : New Observations on a Clovis Point from the Central Mojave Desert, California.

Series : (Journal of California and Great Basin Anthropology 6(1): 113-115)

Date : 1984

Length :

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Underwood

First name : Jackson

Middle Initial :

Secondary Authors :

Title : A Cultural Resource Survey of Portions of the Force-on-Force and Maneuver Areas, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 6

Date : 10/82

Length : 132

Contract Number : 8004-1-0034

Sponsoring Agency :

Contractor : National Park Service, Interagency Archeological Services Division

Subcontractor : Wirth Associates, Inc.

Subject property : Fort Irwin, CA

Last name : Underwood

First name : Jackson

Middle Initial :

Secondary Authors :

Title : Archaeological Testing and Data Recovery at Drinkwater Basin, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project, Research Report Number 21

Date : 12/86

Length : 250

Contract Number : 8002-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Underwood

First name : Jackson

Middle Initial :

Secondary Authors :

Title : Intensive Archaeological Survey of Areas 7P, 7Q and 7K, Fort Irwin, San Bernardino County, California. Final Report.

Series : Fort Irwin Archaeological Project, Research Report Number 6 (Addendum)

Date : 12/83

Length : 138

Contract Number : 8007-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Associates, Inc.

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Vaughan

First name : Sheila

Middle Initial : J.

Secondary Authors :

Title : The Field Phase of Data Recovery of Seven Sites Along Nelson Drainage, Fort Irwin, San Bernardino County, California.

Series : Fort Irwin Archaeological Project

Date : 08/84

Length : 76

Contract Number : 8013-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Interagency Archeological Services

Subcontractor : Wirth Environmental Services

Subject property : Fort Irwin, CA

Last name : Waitman

First name : Leonard

Middle Initial :

Secondary Authors :

Title : Horse Soldier Forts of the Mojave Desert.

Series : (San Bernardino County Museum Association Quarterly Vol. XV, No. 3)

Date : 1968

Length : 56

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Walker

First name : Clifford

Middle Initial :

Secondary Authors :

Title : Life and Adventure Along the Mojave River Trail.

Series : (San Bernardino County Museum Association Quarterly Vol. XV, No. 1)

Date : 1967

Length : 32

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

MCX List of References for Fort Irwin, California [FORSCOM] as of June 1995

Subject property : Fort Irwin, CA

Last name : Warren

First name : Claude

Middle Initial :

Secondary Authors :

Title : Archaeological Investigations at Nelson Wash, Fort Irwin, California.

Series :

Date : 03/90

Length :

Contract Number :

Sponsoring Agency : National Park Service, Archeological Services Branch

Contractor : Dames and Moore

Subcontractor :

Subject property : Fort Irwin, CA

Last name : Warren

First name : Claude

Middle Initial : N.

Secondary Authors :

Title : Archaeological Investigations at Nelson Wash, Fort Irwin, California. 2 Volumes.

Series : Fort Irwin Archaeological Project, Research Report Number 23

Date : 09/91

Length :

Contract Number : CX8015-1-0034

Sponsoring Agency : US Army National Training Center, Fort Irwin, California

Contractor : National Park Service, Western Region, Interagency Archeological Services Branch

Subcontractor : Dames and Moore

Subject property : Fort Irwin, CA

Last name : Warren

First name : Claude

Middle Initial : N.

Secondary Authors : Joan S. Scheider

Title : Nelson Lake, San Bernardino County, California: Museum Records and Collections from Important Early Sites.

Series : (San Bernardino County Museum Association Quarterly 36(2):3-50)

Date : 1989

Length : 50

Contract Number :

Sponsoring Agency :

Contractor :

Subcontractor :

APPENDIX VI

NATIONAL ARCHEOLOGICAL DATA BASE REFERENCES FOR FORT IRWIN, CALIFORNIA

No attempt has been made to edit the National Archaeological Data Base format or to correct obvious errors.

Abbott, Patrick L.

1981 Geology Pertaining to Archaeology Drinkwater Lake Area, Fort Irwin, California. San Diego State University. Submitted to Heritage Conservation and Recreation Services, Interagency.

Abbott, Patrick L.

1981 Geology Pertaining to Archaeology, Drinkwater Lake Area, Fort Irwin, California. Regional Environmental Consultants. Submitted to Interagency Archaeological Services.

Alsoszatai, Petheo

1978 Appendix D: A Preliminary Study of the Archaeology of Fort Irwin: An Environmental Impact Statement. John A. Alsoszatai-Petheo, Dfae, Fort Ord, CA. Submitted to Department of the Army Headquarters, Fort Ord, CA.

Alsoszatai-Petheo, John A.

1978 A Preliminary Study of the Archaeology of Fort Irwin. John Alsoszatai-Petheo. Submitted to Fort Irwin Military Base.

Alsoszatai-Petheo, John A.

1978 A Preliminary Study of the Archaeology of Fort Irwin: An Environmental Impact Statement. John A. Alsoszatai-Petheo. Submitted to Unknown.

Bachhuber, F. W.

1984 Appendix D: Reconnaissance Geology of Bow Willow Wash Fort Irwin, California. in Data Recovery of A Portion of Bow Willow Wash North Fort Irwin...fort Irwin Archaeological Project Research Report Number 11, by Elizabeth Skinner Et AL. F.w. Bachhuber. Submitted to National Park Service (Wro), San Francisco, CA.

Basgall, Mark E., M. C. Hall, and William R. Hildebrandt

1988 The Late Holocene Archaeology of Drinkwater Basin, Fort Irwin, San Bernardino County, California. Far Western Anthropological Research Group, Inc.. Submitted to U.S. Army Corps of Engineers.

Becker, Roberta L., Sheila Vaughan, and Peter Ainsworth

1982 Testing and Data Recovery at Drinkwater Basin, Fort Irwin, San Bernardino County, California. Wirth Associates, Inc.. Submitted to National Park Service.

Bergin, Kathleen A. and Thomas Holcomb, Sheila J. Vaughn, and Claude Warren

1984 Final: An Evaluation of the Devourge Spring East Sites, 4-Sbr-4451 and 4-Sbr-4461, Fort Irwin, San Bernardino County, California. Wirth Environmental Services. Submitted to Ias, Nps.

Bergin, Kathleen Ann

1982 An Evaluation of the Fourteen Metates Site, Sbr-4458, Fort Irwin, San Bernardino County, California. Wirth Environmental Services. Submitted to Ias, Nps.

Bergin, Kathleen Ann

1982 An Evaluation of the Fourteen Metates Site, Sbr-4458, Fort Irwin, San Bernardino County, California. Wirth Associates, Inc.. Submitted to Interagency Archaeological Services.

Bergin, Kathleen Ann and Claude N. Warren

1983 Final Report: A Research Design for the Data Recovery of Bow Willow Wash South (Site 4-Sbr-4204), A Pavement Quarry Within Fort Irwin, San Bernardino County, California. Wirth Associates, Inc.. Submitted to Interagency Archaeological Services.

Bergin, Kathleen Ann and David D. Ferraro

1987 Interim Analysis Report: Data Recovery of Bow Willow Wash South, Fort Irwin Archaeological Project Research. Wirth Environmental Services. Submitted to Interagency Archaeological Services.

Bergin, Kathleen Ann, Thomas Holcomb, Sheila J. Vaughan, and Claude N. Warren

1984 Final: An Evaluation of the Devouge Spring East Sites, 4-Sbr-4451 and 4-Sbr-4561, Fort Irwin, San Bernardino County, California. Wirth Environmental Services. Submitted to Interagency Archeological Services.

Bergin, Kathleen, David D. Ferraro, and Claude N. Warren

1985 The Data Recovery of Three Sites in Bow Willow Wash South: the Fieldwork Phase, Fort Irwin, San Bernardino County, California. Wirth Environmental Services. Submitted to Interagency Archeological Services.

Bouey, Paul D. and Patricia J. Mikkelsen

1989 Survey and Test Evaluation of the China Lake-Fort Irwin Joint Land Use Area, San Bernardino County, California. Far Western Anthropological Research Group, Inc.. Submitted to U.S. Army Corps of Engineers.

Bull, Charles S.

1980 A Cultural Resource Survey of the Offense Area of the Live Fire Maneuver Range, Fort Irwin, California. Regional Environmental Consultants. Submitted to Ias, Nps.

Bull, Charles S.

1981 A Cultural Resource Survey of the Offense Area of the Live Fire Maneuver Range, Fort Irwin, California: Attachments. Regional Environmental Consultants. Submitted to Ias, Nps.

Cardenas, D. Sean and Claude Warren and Kathaleen Bergin

1982 A Research Design for the Data Recovery of Archaeological Sites Within No Name West Basin, Fort Irwin, San Bernardino County, California. Wirth Environmental Services. Submitted to Ias, Nps.

Cardenas, D. Sean and Claude Warren and Kathleen Bergin

1982 A Research Design for the Data Recovery of Archaeological Sites Within No Name West Basin, Fort Irwin, San Bernardino, County, California. Wirth Environmental Services. Submitted to Ias, Nps.

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APPENDIX VIII

OTHER REFERENCES TO FORT IRWIN

Attempts were made to obtain copies of references that were cited in NADB, on the site records, or in other publications but were not available at the San Bernardino Archaeological Information Center. From telephone conversations with various persons conversant with the archaeology of Fort Irwin, the MCX determined that no new collections are reported in these references.

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